

## HUMAN NMDAR1 cDNAs

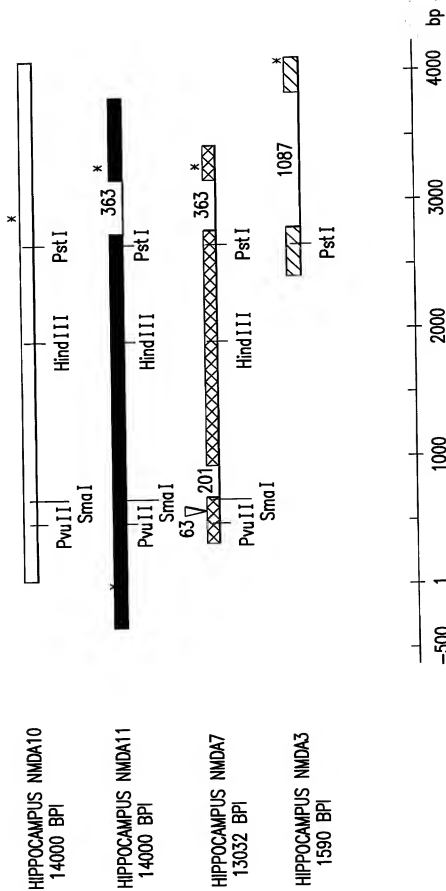


FIG.1

# HUMAN NMDAR1A CONSTRUCTS

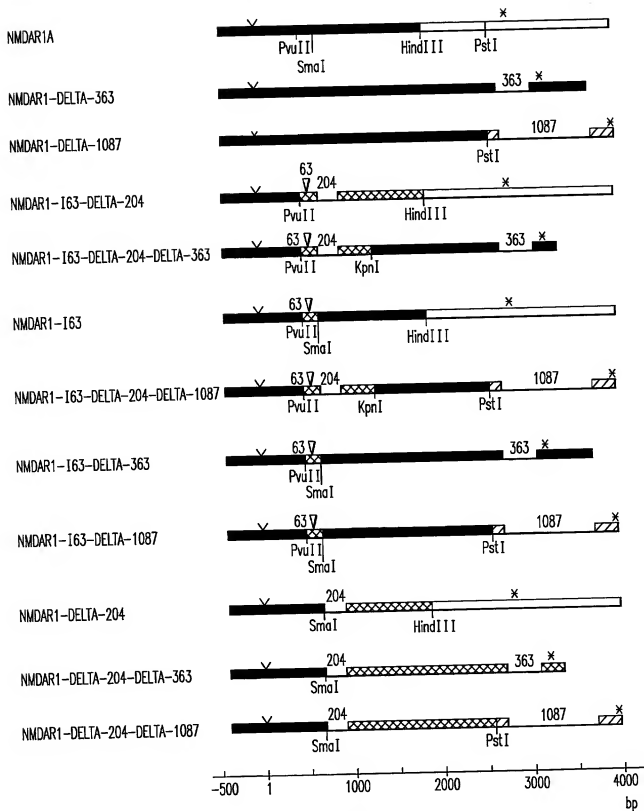


FIG.2

10007747.041702

## NUCLEOTIDE SEQUENCE OF THE HUMAN INDIARIA RECEPTOR

1 ccagccgggac gttccggaact gtaccggccc ccgcttcggc accgcggaca ggcgcggcgg cgtggggctg ggcgcggccc cccgcggcac gcttcggccc  
 101 ccccttcctc ggcgcgagtc ccgggcggcc cgcctccggg ggcgcgtggc gtccgcggcc cgcggggccc ggcgcggccc ggcgcggccc  
 201 ggggggctgc ccggggggcc ccgcttcggc ccgcccggc ggcgcggccc cAtGAGACC ATGGCCCTGC TGAGCTTGGC CTTCCTGTTC  
 301 TCCTGCTGGC TGCCCGCTGC CCACAGATGC TCACATATGG GCGCGCTGTC ACACGGGGGA AGCAGAGGCA GATGTTCGGC GAGCGCGTGA  
 401 ACCAGGCCAA CAAGCGGCAC GCGTCTTGGG AGATTCAAGT CAATGGCAAC TCCTGTACGC CCACATCGGG CCACATCGGG CTGCTGTGGA  
 501 GGACCTATC TCAGCGCAGG CCTAGTTCAG CATCCAGCTA CCGCCACAGA CCACCTCACT CCACACCGTG TCCTCTACAC AGCGCGCTTC  
 601 TACCGCATAC CCGTGTCTGG GCTGACCAAC CGCATGTGCA TCTACTGGGA CAGAGGCATC CACCTGAGCT TCCTGGCCAC CGTGGCGGCC TACTGCCACC  
 701 AGTCCAGCGT GTGGTTTGAG ATGATTCGTG TCTACAGCTG GAACCAATC ATCTGCTCTGG TCAGCGACGA CCACGAGGGC GCGCGCGGCTC AGAAAGCGCT  
 801 GGAAGAGCTG CTGAGGAGAG GTGAGTCCAA GCGAGAGAG GTGCTGCAGT TTGACCGAGS GACCAAGAAC GTGAGCGGCC TGCATATGGA GCGCAAGAGAG  
 901 CTGGAGCGCC GGGTCATCAT CCTTTCTGCC AGCGAGGAGS ATGCTGCCAC TGATATACGC CGACGCGCGGA TGCCTGAACAT GAGCGGCTCC GGGTACGTGT  
 1001 GGCCTGTGGC CGAGCGCGAG ATCTCGGGGA AGCGCTCTGC CTAGCGCGCA GAGCGCATCC TGCGGCTTGA GCTCATACAG GCGAGAGAGS AGCTGGCGCCA  
 1101 CATACGCGAC GCGCTGGGGC TGCTGGCGCA GAGCTCTCTG AGAGGAGAGA CATCACCGAC CGCGCGCGGC GCTGGCTTGG CAMCAACCAAC  
 1201 ATCTGGAAGA CCGCGCGCGT CTTCAGAGA GTGCTGATGT CTTCAGATA TGCGGATGGG GTACCTGGTC GCGTGGAGTT CAATGGAGAT GCGGACCGGA  
 1301 AGTTGGCCAA CTACAGCATC ATGAGCTTGC AGAGCGCAA GCTGGTGCAG GTGGGATCT ACAATGACAC CCAGCTCATC CCTAATGACA GGAAGATCAT  
 1401 CTGGCCAGGC CGAGAGACAG AGAGGCTCTG AGGTAACAG ATGTCCACCA GACTGAAGT TGTAGCATC CAACGAGGC CCTTCTGTGA CCGTGAAGCC  
 1501 AGCTGAGTGT ATGGGATGT CAGAGAGAG TTACAGTCA AGCGCGACCC AGTCAGAGG GTGATCTGGA CGGCGCGCAA CACACGCTG CCGCGGAGCC  
 1601 CCGCGACAC GCTGCTTACG TGTTCTTACG GCTTTTGAT CTACAGCTGT ATCAAGCTGT CAGGAGCAT GAACTTACCC TAGAGGTGC ACTGGTGGC  
 1701 AGATGCGAG TTGCGACAG AGGAGCGGCT GAAACAGAGC AACAGAGS AGTGGAAATG GATGATGGC GAGCTGTCTA CCGCGCAGC AGGAGATATC  
 1801 GTGCGCGCGC TAAACATAA CAACAGAGGC GCGCAGTACA TGAGTTTTC CAAGCGCTTC AGTACACAG GCTTGACTAT TCTGGTCAAG AAGGAGATTC  
 1901 CCGGAGACAC CCGTGCATGS TTATGCAAG CATTCCAGAG CACACTGTGG GCTGTGTGGT GCAAGTGGTG GCGTGTGATG TGTACTGCT  
 2001 GGAAGCGCTT CGCGGCTTGS GCGGTTCAA GCTGAACAG GAGGAGAGAG AGGAGAGGCC ACTGACCGTG TCCTGGGCCA TGTGGTTCTC CTGGCGCGCTC

FIG.3A

204 bp  
DELETION

HindIII

2101 CTGCTAACT CCGGCTTTGG GGGCTTAAGG TGTCGCGAAG GATGAGTGC GATTAAGAAGA AAGCCAACT  
 2201 ACAAGCGGAA CTTGCGGCGC TTGCTGCTGC TGGAGAGCGC ATCAAGCGCA TCAAGAGCCG GTGCTTTGCA AAGCGAATA  
 2301 CTAGGCGAAG GTGAAGAGAA GCTGAGTGA TATCTACTTC CCGCGCGCAG TGGAGCTGAG CACCATGTAC CCGCATATGG AGAGCAGAA CTAGAGAGT  
 2401 GCGCGGAGG CCAATCAGGC CTTGAGAGAC AACAGCTGC ATGCTTCA CTGGGACTCG GGGTGTCTGG AGTTGAGGC CTGAGAGAG TGGAGCTGG  
 2501 TGAGGAGTGG AGAGCTGTTT TTGCGCTGG CTTTGCGCAT AGCATGCGC AAGGACAGC CTTGGAAGCA GAAGTCTTCC CTGTCACTC TCAAGTCCA  
 2601 CAGAGATGGC TTCAATGAGAG AACTGAGAA GAGTGGGTT CCGTATGAG AGTGACTC GCGAGCAAC GCGGCTGGGA CCGTACTT TGGAGACATC  
 2701 GCGCGGCTCT TCATGCTGCT AGCTGGGCGC ATGCTGGCGG GGAATCTTCT GATTGTATC GAGATGCTT ACAAGCGCA CAAGGATGCT CGCGGAGGC  
 2801 AGATGCACT GCGCTTTTGG GCGCTTAAGG TGTCGCGAAG GATGAGTGC GATTAAGAAGA AAGCCAACT  
 2901 TAGGCTATC AACTCAAGC TGCTTTGAG CTTCAAGAG CTTAGCTCT CCAGAGACAG GAGCAGCGG GTGCTTTGCA AAGCGAATA  
 3001 GACAGAGTGC TGCGCGAAG CCGCTATTGAG AGGAGAGAGG GCGAGCTGCA GCTGTGTTCC GTCATAGGG AGAGTGAAGA CTCGCGCC GCGCTCTCT  
 3101 GCGCTCCC CCGAGAGAG CCGAGAGAG GCGCGCGCG GCGCGCGCG CCGCGCGCG CCGCGCGCG CCGCGCGCG CCGCGCGCG CCGCGCGCG  
 3201 CTCGCGCG CCGCGCGCG CCGCGCGCG CCGCGCGCG CCGCGCGCG CCGCGCGCG CCGCGCGCG CCGCGCGCG CCGCGCGCG CCGCGCGCG  
 3301 TGTCTGTG TGTCTGTG TGTCTGTG TGTCTGTG TGTCTGTG TGTCTGTG TGTCTGTG TGTCTGTG TGTCTGTG TGTCTGTG  
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 3901 TGTCTGTG TGTCTGTG TGTCTGTG TGTCTGTG TGTCTGTG TGTCTGTG TGTCTGTG TGTCTGTG TGTCTGTG TGTCTGTG  
 4001 TGTCTGTG TGTCTGTG TGTCTGTG TGTCTGTG TGTCTGTG TGTCTGTG TGTCTGTG TGTCTGTG TGTCTGTG TGTCTGTG  
 4101 TGTCTGTG TGTCTGTG TGTCTGTG TGTCTGTG TGTCTGTG TGTCTGTG TGTCTGTG TGTCTGTG TGTCTGTG TGTCTGTG  
 4201 TGTCTGTG TGTCTGTG TGTCTGTG TGTCTGTG TGTCTGTG TGTCTGTG TGTCTGTG TGTCTGTG TGTCTGTG TGTCTGTG

363 bp  
DELETION1087 bp  
DELETION

FIG.3B

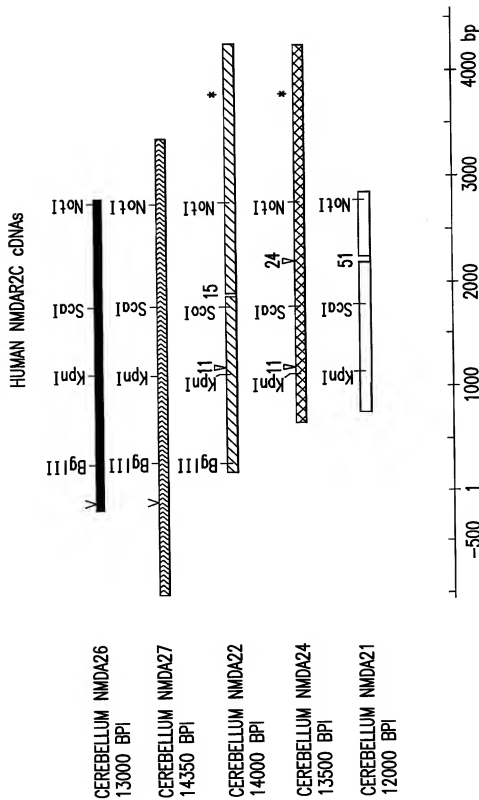


FIG.4

# CONSTRUCTION OF THE FULL-LENGTH HUMAN NMDAR2C cDNAs

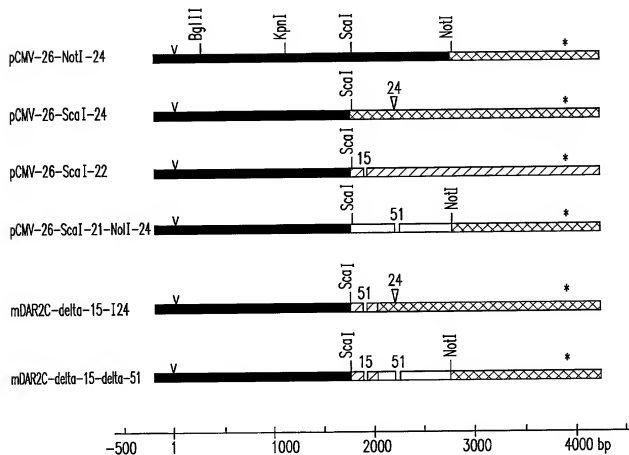


FIG.5

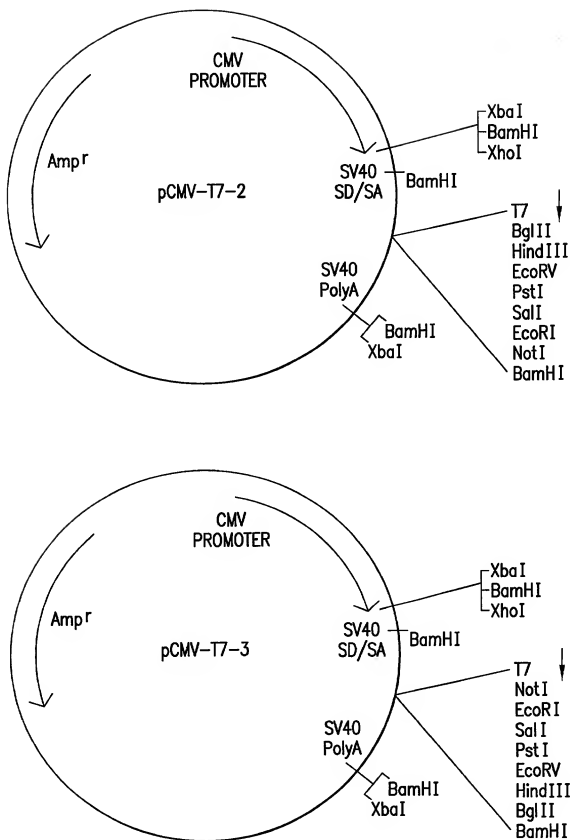


FIG.6